<https://ai.meta.com/sam2/>

<https://github.com/facebookresearch/sam2>

The documentation, especially the GitHub page, was essential for getting SAM 2 running with Lasse’s help. It clarified that the model only works in Linux, but also told that Windows users can use WSL (Windows Subsystem for Linux) instead. I also learned the pip install version of SAM 2 was outdated and broken, so I had to clone it directly from GitHub and use custom scripts to run it.

<https://learn.microsoft.com/en-us/windows/wsl/install>

Helped me install and set up WSL so I could run Linux-only software like SAM 2 on my Windows machine. Without this, I wouldn't have been able to use the tool at all.

<https://www.geeksforgeeks.org/python-gui-tkinter/>

This helped me learn the basics of building a GUI in Python, which was necessary for the UI/UX part of our app.

<https://www.geeksforgeeks.org/python-opencv-cv2-imread-method/>

Used this while working on the color vision part of our app. It helped me understand how Python reads and processes images for analysis.

<https://pypi.org/project/labelImg/>

<https://github.com/HumanSignal/labelImg>

Used to manually label images for training the YOLO model. The PyPI version was broken, so I had to manually download the repo and install missing dependencies. I also learned how to convert the labels to YOLO format.

<https://docs.ultralytics.com/>

Helped me understand how YOLO models work and showed me that the version we were originally using was outdated.

<https://universe.roboflow.com/artem-orlovskyi/burger-detection>

<https://universe.roboflow.com/vanrailyx711-gmail-com/food-qndmx>

I found these too late, but they offered complete, pre-labeled datasets that would have saved us a lot of time and effort. Despite that, we used them to train our model to attempt to get something working.

<https://chatgpt.com/>

I’m not shamed to admit it, but this was probably the most consistently helpful tool I used throughout the project. I used it to debug code, understand library documentation, understand programs, troubleshoot environment issues, debugging, and clarify concepts, especially when working with unfamiliar tools like SAM 2 and YOLO. Without it, I would have struggled to keep up with the technical challenges.